

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,867,037 B1  
DATED : March 15, 2005  
INVENTOR(S) : Akira Murasugi et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [56], **References Cited**, OTHER PUBLICATIONS,

"Winther et al.," reference, "functions" should read -- function --.

"Rosenfeld et al.," "Recombinat" should read -- Recombinant --.

Column 1,

Line 45, "PV" should read -- PTN --.

Column 3,

Line 52, "sequencer" should read -- sequence --.

Line 55, "or" should read -- of --.

Line 61, "MF+1" should read -- MF $\alpha$ 1 --.

Column 4,

Line 29, " $\alpha$ l factor" should read --  $\alpha$ l-factor --.

Line 35, "anal-factor" should read -- an  $\alpha$ 1-factor --.

Column 5,

Line 8, "M or F" should read -- MK or PTN --.

Column 6,

Line 1, "of in ethanol" should read -- of methanol --.

Line 3, "7-11189" should read -- 7-111891 --.

Line 18, "A<sub>240</sub>" should read -- A<sub>280</sub> --.

Line 60, "G5115" should read -- GS115 --.

Line 66, "HE" should read -- MK --.

Column 8,

Line 39, "xpr ssion" should read -- expression --.

Column 9,

Lines 21, 24 and 58, "EcORI" should read -- EcoRI --.

Line 23, "EcORI, and inserted into the EcORI" should read -- EcoRI, and inserted into the EcoRI --.

Line 67, "war carried" should read -- was carried --.

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Column 10,

Line 34, "K" should read -- MK --.  
Line 36, "pHILS1" should read -- pHILS1 --.  
Line 40, "pHILS4" should read -- pHILD4 --.

Column 11

Line 10, "pPIC9X" should read -- pPIC9K --.  
Line 11, "or" should read -- of --.  
Line 45, "PM" should read -- MK --.  
Line 57, "pPIC9" should read -- pPIC9K --.

Column 12,

Line 23, "Tyr-val" should read -- Tyr-Val --.  
Line 25, "Tyr-val-Glu-Phe-Lys, 7 amino acids Tyr-val" should read  
-- Tyr-Val-Glu-Phe-Lys, 7 amino acids Tyr-Val --.  
Lines 26-27, "acids Tyr-val-Glu-Phe-Lys-Lys-Lys-Asp-Lys-val-" should read  
-- acids Tyr-Val-Glu-Phe-Lys-Lys-Lys-Asp-Lys-Val- --.  
Line 38, "ease" should read -- case --.

Column 13,

Line 31, "and aliquot" should read -- and an aliquot --.  
Line 59, "acid, Cys" should read -- acid, and Cys --.  
Line 61, "values of amino acid" should read -- values and values of amino acid --.

Column 14,

Line 53, "PT" should read -- PTN --.  
Line 59, "EcORI" should read -- EcoRI --.  
Line 66, "PA" should read -- PTN --.

Column 15,

Line 47, "2x sodium chloride" should read -- 2 M sodium chloride --.

Column 17,

Line 23, "(15303.9" should read -- (15303.8 --.

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Column 18,

Line 7, "Fig. 11" should read -- Fig. 17 --.

Column 23,

Line 51, "at" should read --  $\alpha 1$  --.

Line 67, "PH3" should read -- pH3 --.

Column 24,

Line 64, ", MK" should read -- , said MK --.

Signed and Sealed this

Sixth Day of September, 2005

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*